

IDAHO STANDARDS ACHIEVEMENT TESTS
Mathematics
Test Blueprint - Grade 10

Grade	Standard	Goal	Objective Assessed	Mathematics Distribution
10	1 Number and Operation	1.1 Understand and use numbers	1.1.1 1.1.2 1.1.3 1.1.4 1.1.5	13-18%
		1.2 Perform computations accurately	1.2.1	
	2 Concepts and Principles of Measurement	2.1 Understand and use customary and metric measurements	2.1.1 2.1.2	13-16%
		2.2 Apply the concepts of rates, ratios, and proportions	2.2.1 2.2.3	
		2.3 Apply dimensional analysis	2.3.1	
		2.4 Apply appropriate techniques and tools to determine measurements	2.4.1	
	3 Concepts and Language of Algebra and Functions	3.1 Use algebraic symbolism as a tool to represent mathematical relationships	3.1.1	27-31%
		3.2 Evaluate algebraic expressions	3.2.1	
		3.3 Solve algebraic equations and inequalities	3.3.1 3.3.2	
		3.4 Solve simple linear systems of equations	3.4.1	
		3.6 Use patterns to represent problems	3.6.1 3.6.2	
	4 Concepts and Principles of Geometry	4.1 Apply concepts of size, shape, and spatial relationships	4.1.1 4.1.2	18-22%
		4.2 Apply the geometry of right triangles	4.2.1	
		4.3 Apply graphing in two dimensions	4.3.1 4.3.2	
		4.4 Represent and graph linear relationships	4.4.2 4.4.3	
		4.5 Use reasoning skills	4.5.1	

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Grade	Standard	Goal	Objective Assessed	Mathematics Distribution
10	5 Data Analysis, Probability, and Statistics	5.1 Understand data analysis	5.1.1	18-22%
		5.2 Collect, organize, and display data	5.2.1	
		5.3 Apply simple statistical measurements	5.3.1 5.3.2	
		5.4 Understand basic concepts of probability	5.4.1 5.4.2	
		5.5 Make predictions or decisions based on data	5.5.1	
				Total = 100%